

Title (en)
Transparent glass-ceramics

Title (de)
Durchsichtige Glaskeramik

Title (fr)
Vitrocéramiques transparentes

Publication
EP 0716050 B1 19980902 (EN)

Application
EP 95117580 A 19951108

Priority
US 34497894 A 19941125

Abstract (en)
[origin: US5483628A] The present invention is directed to the preparation of two groups of transparent glass-ceramics exhibiting high optical clarity and containing essentially only one crystal phase. The first group consists essentially, in cation percent, of -SiO₂ 20-35 PbF₂ 19-23 -AlO_{1.5} 10-20 YF₃ 3-7, -CdF₂ 19-34 - and the second group consists essentially, in cation percent, of -SiO₂ 20-35 PbF₂ 15-25 -AlO_{1.5} 10-20 YF₃ 3-7 -CdF₂ 21-31 ZnF₂ 3-7. -

IPC 1-7
C03C 10/16; **C03C 4/12**; **C03C 13/04**; **H01S 3/17**

IPC 8 full level
G02B 6/12 (2006.01); **C03B 32/02** (2006.01); **C03C 3/07** (2006.01); **C03C 3/072** (2006.01); **C03C 3/108** (2006.01); **C03C 4/00** (2006.01); **C03C 10/02** (2006.01); **C03C 10/16** (2006.01); **C03C 13/00** (2006.01); **C03C 13/04** (2006.01); **G02B 6/00** (2006.01); **G02B 6/10** (2006.01); **H01S 3/06** (2006.01); **H01S 3/17** (2006.01)

CPC (source: EP KR US)
C03C 3/108 (2013.01 - EP US); **C03C 4/0071** (2013.01 - EP US); **C03C 10/16** (2013.01 - EP US); **C03C 13/006** (2013.01 - EP US); **C03C 13/04** (2013.01 - EP KR US); **C03C 13/046** (2013.01 - EP US); **G02B 6/102** (2013.01 - EP US)

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DE FR GB IT NL

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US 5483628 A 19960109; AU 3783895 A 19960530; AU 688149 B2 19980305; CA 2161494 A1 19960526; CN 1079783 C 20020227; CN 1133268 A 19961016; DE 69504461 D1 19981008; DE 69504461 T2 19990114; EP 0716050 A1 19960612; EP 0716050 B1 19980902; JP H08239235 A 19960917; KR 100391106 B1 20030922; KR 960017550 A 19960617; TW 329421 B 19980411

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